

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3624859

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>SUBMISSION TYPE:</b>           | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>      | MERGER                   |
| <b>EFFECTIVE DATE:</b>            | 08/19/2015               |
| <b>CONVEYING PARTY DATA</b>       |                          |
| <b>Name</b>                       | <b>Execution Date</b>    |
| HEATHWAY HOLDINGS LLC             | 08/11/2015               |
| <b>RECEIVING PARTY DATA</b>       |                          |
| <b>Name:</b>                      | MINERAL LASSEN LLC       |
| <b>Street Address:</b>            | 2215-B RENAISSANCE DRIVE |
| <b>Internal Address:</b>          | SUITE 5                  |
| <b>City:</b>                      | LAS VEGAS                |
| <b>State/Country:</b>             | NEVADA                   |
| <b>Postal Code:</b>               | 89119                    |
| <b>PROPERTY NUMBERS Total: 43</b> |                          |
| <b>Property Type</b>              | <b>Number</b>            |
| Patent Number:                    | 5751231                  |
| Patent Number:                    | 5774191                  |
| Patent Number:                    | 5890162                  |
| Patent Number:                    | 5920659                  |
| Patent Number:                    | 5978737                  |
| Patent Number:                    | 5987150                  |
| Patent Number:                    | 6021487                  |
| Patent Number:                    | 6023241                  |
| Patent Number:                    | 6038320                  |
| Patent Number:                    | 6055568                  |
| Patent Number:                    | 6064976                  |
| Patent Number:                    | 6106395                  |
| Patent Number:                    | 6184918                  |
| Patent Number:                    | 6226015                  |
| Patent Number:                    | 6226444                  |
| Patent Number:                    | 6263020                  |
| Patent Number:                    | 6271854                  |
| Patent Number:                    | 6311141                  |

PATENT

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 6324694 |
| Patent Number: | 6330718 |
| Patent Number: | 6359656 |
| Patent Number: | 6384820 |
| Patent Number: | 6392652 |
| Patent Number: | 6414994 |
| Patent Number: | 6422775 |
| Patent Number: | 6463272 |
| Patent Number: | 6618046 |
| Patent Number: | 6636633 |
| Patent Number: | 6693637 |
| Patent Number: | 6700999 |
| Patent Number: | 6728964 |
| Patent Number: | 6741165 |
| Patent Number: | 6747653 |
| Patent Number: | 6943825 |
| Patent Number: | 7949043 |
| Patent Number: | 6542158 |
| Patent Number: | 6897857 |
| Patent Number: | 6782130 |
| Patent Number: | 7298371 |
| Patent Number: | 7791601 |
| Patent Number: | 6633609 |
| Patent Number: | 6985743 |
| Patent Number: | 6483987 |

#### CORRESPONDENCE DATA

**Fax Number:** (425)679-0580

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** ivrecording@intven.com

**Correspondent Name:** SCHWABE, WILLIAMSON, & WYATT, PC

**Address Line 1:** 700 WASHINGTON ST.

**Address Line 2:** SUITE 701

**Address Line 4:** VANCOUVER, WASHINGTON 98660

**NAME OF SUBMITTER:** INGA FURLONG

**SIGNATURE:** /Inga Furlong/

**DATE SIGNED:** 11/19/2015

**Total Attachments:** 8

source=++ MINERAL LASSEN LLC - DE filed Merger Certificate\_19 Aug 2015#page1.tif  
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# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ALDEN BYIRD INVESTMENTS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ALIMARIZE PROPERTIES L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"ASOID NETWORK FACILITY, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"ATHENS BLUESTONE LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"AVAT CONSULTING L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BAYARD CHIMNEY ROCK LLC", A DELAWARE LIMITED LIABILITY COMPANY,

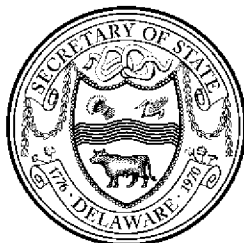
"BRAUTIGAN TRUST, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BUNHILL WIRELESS COMMUNICATIONS, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"BUNSON BELL, LIMITED LIABILITY COMPANY", A DELAWARE LIMITED

3824081 8100M

151191007



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2663309

DATE: 08-20-15

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

PATENT  
REEL: 037094 FRAME: 0726

# Delaware

PAGE 2

*The First State*

LIABILITY COMPANY,

"CALLIGRAMME HOLDINGS FR L.L.C.", A DELAWARE LIMITED

LIABILITY COMPANY,

"COLISTO FUND II NV, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"CRUP TRANSFER MGMT. L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"DASPREE CONSULTING LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"DOMRO ACQUISITIONS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"ELET SYSTEMS L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

"EMISSION LIMITED LIABILITY COMPANY", A DELAWARE LIMITED  
LIABILITY COMPANY,

"ESSEX PA, L.L.C.", A DELAWARE LIMITED LIABILITY COMPANY,

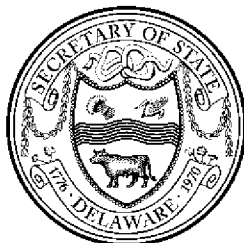
"FRESH TAKE TECHNOLOGY LIMITED LIABILITY COMPANY", A  
DELAWARE LIMITED LIABILITY COMPANY,

"FRS TRANSFER GROUP LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"HEATHWAY HOLDINGS LLC", A DELAWARE LIMITED LIABILITY

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PATENT  
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# Delaware

PAGE 3

*The First State*

COMPANY,

"HEMISPHERE SOLUTIONS N.A., LIMITED LIABILITY COMPANY", A  
DELAWARE LIMITED LIABILITY COMPANY,

"HOLIN SOFTWARE LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"ICE 8 WIRELESS LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"INTELLECTUAL VENTURES HOLDING 85 LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"J.M. STANNECK, LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"KOGISHKA HOLDINGS GROUP, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"LARKIN PROPERTIES L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

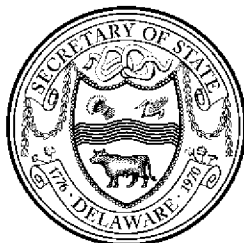
"LYNNE HIGHLAND L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"MATRKS NETWORKING LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"MUIER MANAGEMENT CO, LIMITED LIABILITY COMPANY", A DELAWARE

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AUTHENTICATION: 2663309

DATE: 08-20-15

PATENT  
REEL: 037094 FRAME: 0728

# Delaware

PAGE 4

*The First State*

LIMITED LIABILITY COMPANY,

"NATIONAL NETWORKS LIMITED LLC", A DELAWARE LIMITED  
LIABILITY COMPANY,

"NEBARB SOFTWARE FOUNDATION L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"NEMOR PROPERTIES LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"NEW ILLUMINATIONS LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"O.B. DIGITAL LIMITED LIABILITY COMPANY", A DELAWARE LIMITED  
LIABILITY COMPANY,

"PAN-VIEW ILLUMINATIONS, L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"PHON DIGITAL FOUNDATION, L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"RAYOGRAPH LIMITED, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

"ROBUST NETWORKS, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"ROTA FINANCIAL TRANSFER LLC", A DELAWARE LIMITED LIABILITY

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PATENT  
REEL: 037094 FRAME: 0729

# Delaware

PAGE 5

*The First State*

COMPANY,

"SAMHAIN UNION LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"SAYRE HOLDINGS JP LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"SETEM SOFTWARE II LTD., LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"SICRONIC REMOTE KG, LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"SIPOR COMMUNICATION TECHNOLOGY L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"SOARENTINO CAPITAL LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"SUTTON WIRELESS, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

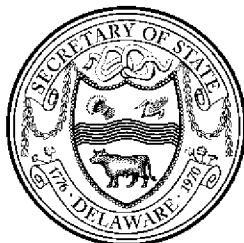
"THE THAYN FIRM, LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"VARIPHIN MANAGEMENT KG LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"VERDE SABOR ASSETS, L.L.C.", A DELAWARE LIMITED LIABILITY  
COMPANY,

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AUTHENTICATION: 2663309

DATE: 08-20-15

PATENT  
REEL: 037094 FRAME: 0730



# Delaware

PAGE 6

*The First State*

"WEST ORANGE EDISON LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

"WRITEBACK TECHNOLOGIES, L.L.C.", A DELAWARE LIMITED  
LIABILITY COMPANY,

"XANWA TECHNOLOGIES LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

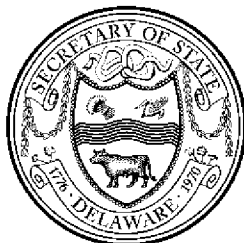
"XL TRANSISTORS LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

"YOSHIMI LTD., LIMITED LIABILITY COMPANY", A DELAWARE  
LIMITED LIABILITY COMPANY,

WITH AND INTO "MINERAL LASSEN LLC" UNDER THE NAME OF  
"MINERAL LASSEN LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND  
EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED  
AND FILED IN THIS OFFICE THE NINETEENTH DAY OF AUGUST, A.D.  
2015, AT 1:10 O'CLOCK P.M.

3824081 8100M

151191007



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Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2663309

DATE: 08-20-15

PATENT  
REEL: 037094 FRAME: 0731

**CERTIFICATE OF MERGER  
OF  
NON-SURVIVING ENTITIES LISTED BELOW  
INTO  
MINERAL LASSEN LLC**

The undersigned entity, organized and existing under and by virtue of the Delaware Limited Liability Company Act, does hereby certify as follows:

1. The name and jurisdiction of formation of the constituent entities are as follows:

| <u>Name</u>                                          | <u>Jurisdiction<br/>of<br/>Formation</u> | <u>Type of Entity</u>     |
|------------------------------------------------------|------------------------------------------|---------------------------|
| <i>The Surviving Entity:</i>                         |                                          |                           |
| MINERAL LASSEN LLC                                   | Delaware                                 | Limited Liability Company |
| <i>The Non-Surviving Entities :</i>                  |                                          |                           |
| Alden Byird Investments, L.L.C.                      | Delaware                                 | Limited Liability Company |
| DaSpree Consulting Limited Liability Company         | Delaware                                 | Limited Liability Company |
| eMission Limited Liability Company                   | Delaware                                 | Limited Liability Company |
| Heathway Holdings LLC                                | Delaware                                 | Limited Liability Company |
| Larkin Properties L.L.C.                             | Delaware                                 | Limited Liability Company |
| Muier Management Co. Limited Liability Company       | Delaware                                 | Limited Liability Company |
| Sutton Wireless, L.L.C.                              | Delaware                                 | Limited Liability Company |
| Verde Sabor Assets, L.L.C.                           | Delaware                                 | Limited Liability Company |
| Bunson Bell, Limited Liability Company               | Delaware                                 | Limited Liability Company |
| Essex PA, L.L.C.                                     | Delaware                                 | Limited Liability Company |
| Sorentino Capital LLC                                | Delaware                                 | Limited Liability Company |
| The Thayn Firm, Limited Liability Company            | Delaware                                 | Limited Liability Company |
| WriteBack Technologies, L.L.C.                       | Delaware                                 | Limited Liability Company |
| XL Transistors Limited Liability Company             | Delaware                                 | Limited Liability Company |
| Brautigan Trust, L.L.C.                              | Delaware                                 | Limited Liability Company |
| Calligramme Holdings FR L.L.C.                       | Delaware                                 | Limited Liability Company |
| Hemisphere Solutions N.A., Limited Liability Company | Delaware                                 | Limited Liability Company |
| J.M. Stanneck, Limited Liability Company             | Delaware                                 | Limited Liability Company |
| Robust Networks, LLC                                 | Delaware                                 | Limited Liability Company |
| Sayre Holdings JP LLC                                | Delaware                                 | Limited Liability Company |
| AVAT Consulting L.L.C.                               | Delaware                                 | Limited Liability Company |
| Fresh Take Technology Limited Liability Company      | Delaware                                 | Limited Liability Company |
| New Illuminations LLC                                | Delaware                                 | Limited Liability Company |
| Yoshimi Ltd., Limited Liability Company              | Delaware                                 | Limited Liability Company |
| Bunhill Wireless Communications, L.L.C.              | Delaware                                 | Limited Liability Company |
| Ice 8 Wireless Limited Liability Company             | Delaware                                 | Limited Liability Company |
| Lynne Highland L.L.C.                                | Delaware                                 | Limited Liability Company |
| Rayograph Limited, L.L.C.                            | Delaware                                 | Limited Liability Company |
| Nemor Properties LLC                                 | Delaware                                 | Limited Liability Company |

Phyllis Turner-Brim  
E-signed 2015-08-11 03:44PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E. Springer Jr.  
E-signed 2015-08-11 04:27PM PDT  
bspringer@intven.com

*The Non-Surviving Entities -- continuing*

|                                             | Jurisdictions<br>of<br>Formation | Type of Entity            |
|---------------------------------------------|----------------------------------|---------------------------|
| Sicronic Remote KG, LLC                     | Delaware                         | Limited Liability Company |
| Crup Transfer Mgmt. L.L.C.                  | Delaware                         | Limited Liability Company |
| O.B. Digital Limited Liability Company      | Delaware                         | Limited Liability Company |
| Alimarize Properties L.L.C.                 | Delaware                         | Limited Liability Company |
| Colisto Fund II NV, L.L.C.                  | Delaware                         | Limited Liability Company |
| Variphin Management KG LLC                  | Delaware                         | Limited Liability Company |
| FrS Transfer Group LLC                      | Delaware                         | Limited Liability Company |
| pHon Digital Foundation, L.L.C.             | Delaware                         | Limited Liability Company |
| Holin Software Limited Liability Company    | Delaware                         | Limited Liability Company |
| Matrks Networking Limited Liability Company | Delaware                         | Limited Liability Company |
| Elet Systems L.L.C.                         | Delaware                         | Limited Liability Company |
| Kogishka Holdings Group, LLC                | Delaware                         | Limited Liability Company |
| Xanwa Technologies LLC                      | Delaware                         | Limited Liability Company |
| Nebarb Software Foundation L.L.C.           | Delaware                         | Limited Liability Company |
| Asoid Network Facility, LLC                 | Delaware                         | Limited Liability Company |
| Domro Acquisitions LLC                      | Delaware                         | Limited Liability Company |
| Rota Financial Transfer LLC                 | Delaware                         | Limited Liability Company |
| Pan-View Illuminations, L.L.C.              | Delaware                         | Limited Liability Company |
| Sipor Communication Technology L.L.C.       | Delaware                         | Limited Liability Company |
| Setem Software II Ltd., LLC                 | Delaware                         | Limited Liability Company |
| Intellectual Ventures Holding 85 LLC        | Delaware                         | Limited Liability Company |
| West Orange Edison LLC                      | Delaware                         | Limited Liability Company |
| Bayard Chimney Rock LLC                     | Delaware                         | Limited Liability Company |
| Athens Bluestone LLC                        | Delaware                         | Limited Liability Company |
| National Networks Limited LLC               | Delaware                         | Limited Liability Company |
| Samhain Union LLC                           | Delaware                         | Limited Liability Company |

2. An agreement of merger has been approved and executed by each of the constituent entities in accordance with Section 18-209 of the Delaware Limited Liability Company Act.

3. The name of the surviving entity is MINERAL LASSEN LLC

4. The Certificate of Formation of MINERAL LASSEN LLC shall be the Certificate of Formation of the surviving limited liability company.

5. The executed agreement of merger is on file at the principal place of business of the surviving entity located at 3150 139th Avenue SE, Building 4, Bellevue, Washington 98005.

6. A copy of the agreement of merger will be furnished by the surviving entity, on request and without cost, to any member of any constituent limited liability company.

IN WITNESS WHEREOF, the surviving limited liability company has caused this certificate to be signed by an authorized person, on August 12, 2015.

MINERAL LASSEN LLC

By: Byron E. Springer Jr.  
Byron E. Springer Jr. (Aug 11, 2015)  
Name: Byron Springer  
Its: Authorized Person

Phyllis Turner-Brim  
E-signed 2015-08-11 03:44PM PDT  
pturnerbrim@intven.com  
Intellectual Ventures  
VP Chief IP Counsel

Byron E. Springer Jr.  
E-signed 2015-08-11 04:27PM PDT  
bspringer@intven.com